

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				ATTY. DOCKET NO. <b>50006-187</b>		SERIAL NO. <b>Divisional Appl. No.</b> <b>09/856,093</b>	
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				FILING DATE <b>February 11, 2004</b>		GROUP	

  

U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
<i>MP</i>		US 5,980,113	11/09/1999	Grantz	<i>class sub</i> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
		US				
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
<i>MP</i>  <div style="border-left: 1px solid black; height: 100px; width: 100%;"></div>		JP 2-278007	11/14/90	Nippon Seiko KK		Yes      No
		JP 63-157520	10/17/88	Koyo Seiko Co., Ltd.		
		JP 3-99219	10/16/91	Ibiden Co., Ltd.		
		JP 2000-120664	4/25/00	NGK Spark Plug Co., Ltd.		
		JP 5-141419	6/8/93	Fujitsu Ltd.		
		JP 11-311245	11/9/99	Seiko Instruments Inc.		
		JP 8-296649	11/12/96	Kyocera Corp.		
		JP 5-240241	9/17/93	Ebara Corp.		
		JP 11-18357	1/22/99	Toshiba Ave Corp., Toshiba Corp.		
		JP 11-55918	2/26/99	Seiko Instr. Inc.		
		JP 60-234120	11/20/85	Canon KK		
		JP 9-328381	12/22/97	Nippon Seiko KK		
		JP 55-36456	8/29/1978	Mitsubishi Denki Kabushiki Kaisha		
		JP 63-157520	4/1/1987	Koyo Seiko Kabushiki Kaisha		
		JP 3-99219	1/30/1990	Ibiden Kabushiki Kaisha		

  

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

  

EXAMINER <i>J. Forthman</i>	DATE CONSIDERED <i>12-1-05</i>
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